

09742190 CLS

Most Frequently Occurring Classifications of Patents Returned
From A Search of 09742190 on October 15, 2003

Original Classifications

4	455/419
4	455/566
3	455/466
3	713/159
2	345/809
2	455/575.3
2	709/203

Cross-Reference Classifications

5	455/466
4	455/566
3	375/220
3	375/222
3	380/30
3	380/52
2	345/700
2	345/810
2	379/355.05
2	379/93.01
2	379/93.24
2	455/186.2
2	455/403
2	455/412.1
2	455/414.1
2	455/433
2	455/445
2	455/552.1
2	455/560
2	706/45
2	706/47
2	709/204
2	713/172

Combined Classifications

8	455/466
8	455/566
4	455/419
3	375/220
3	375/222
3	380/30
3	380/52
3	455/403
3	713/159

Plus Search

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6411620 5258772 6104924 6167429 5353328 5870673 6115607 6038296 57129
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2 345/700
2 345/809
2 345/810
2 379/355.05
2 379/93.01
2 379/93.24
2 455/186.2
2 455/412.1
2 455/414.1
2 455/418
2 455/433
2 455/445
2 455/464
2 455/552.1
2 455/557
2 455/560
2 455/564
2 455/567
2 455/574
2 455/575.3
2 706/45
2 706/47
2 709/203
2 709/204
2 709/206
2 713/172

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above 1
abstract 1
acceptable 1
accompanying 1
accordance 2
according 3
add 1
addition 2
additional 1
aid 1
allow 2
also 2
alternatively 1
although 1
an 5
analysing 1
and 18
another 1
archived 1
are 4
art 1
as 4
aspect 3
at 1
attachment 1
audio 2
available 3
background 1
be 10
being 1
between 1
bewildering 1
brief 1
but 2
by 4
can 1
capability 1
capable 1
case 1
cellular 1
cieuvery 1
combine 1
communication 8
communications 4
compiling 1
complex 1
component 6

components 2
 comprising 2
 computer 1
 conditions 6
 connected 1
 considering 1
 constrained 1
 contain 2
 contained 1
 continually 1
 control 1
 conventional 1
 could 3
 created 3
 creating 1
 data 2
 date 1
 defined 1
 defining 1
 delivery 5
 described 2
 description 2
 detailed 1
 details 1
 device 11
 diagrammatic 1
 display 2
 displayed 2
 drawings 2
 edit 1
 either 2
 electronic 1
 email 2
 embodiment 1
 equipped 2
 even 1
 event 1
 example 3
 exclusively 1
 existing 1
 expanding 1
 express 1
 expression 1
 extent 1
 extremely 1
 fi 1
 figure 8
 file 1

for 13
from 2
full 1
functional 1
functions 1
further 4
furthermore 2
future 1
gsm 1
handset 4
handsets 2
having 3
header 4
held 1
hi 1
himself 1
his 1
holding 1
illiterate 1
image 1
images 2
immediately 1
implemented 1
improved 1
improvements 2
in 21
include 2
includes 1
including 3
inclusion 1
incorporating 1
individual 1
inexperienced 1
information 3
intended 1
interacting 1
interface 14
internet 4
intuitive 1
invention 10
involving 1
is 24
it 1
known 1
land 1
later 1
lcd 1
likely 1

limitation 1
limited 1
lines 1
link 1
location 1
made 1
mail 1
manner 1
may 4
means 5
memory 4
menu 1
message 31
messages 2
messaging 3
met 1
method 4
methods 1
might 1
mobile 2
monitor 1
more 2
much 1
multimedia 5
near 1
necessary 2
network 3
non 1
not 3
now 2
of 49
offered 1
on 3
one 2
only 1
opened 2
opening 2
operate 1
options 3
or 9
order 1
ot 1
outside 1
parameters 1
part 1
particularly 2
party 1
pat 1

perhaps 1
permit 1
playback 1
plmn 2
plurality 1
positioning 1
possibilities 1
possible 1
pre 1
preferably 1
present 3
presentation 1
presently 2
processor 2
provide 2
provided 4
provides 1
providing 1
pstn 1
public 2
radiotelephone 7
range 3
rather 1
receiving 1
recipient 5
reference 1
referring 1
relates 1
relating 6
remains 1
remotely 1
resolution 1
said 1
say 1
screen 4
select 1
selecting 3
send 1
sender 2
sent 1
separately 2
server 1
service 2
set 4
short 2
shown 1
similar 1
size 1

sms 1
source 1
sources 4
specific 1
speed 1
station 1
stored 2
storing 2
such 2
sufficient 1
summars 1
switched 1
system 1
telephone 2
television 1
text 4
that 3
the 80
them 1
then 1
there 4
thereof 1
thereon 1
they 1
third 1
this 2
thus 1
time 1
to 38
together 1
tools 1
tor 1
transmitted 1
under 2
understanding 1
up 1
us 1
use 1
usefully 1
user 14
users 2
usual 1
variety 1
via 1
video 2
view 4
voice 2
way 1

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well 1
when 2
where 2
which 10
will 3
wilt 1
with 8
within 2
yet 1

09742190_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 09742190 on October 15, 2003

8 455/466 (3 OR, 5 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/466 .Auxiliary data signaling (e.g., short message service (SMS))

8 455/566 (4 OR, 4 XR)
 Class 455 : TELECOMMUNICATIONS
 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.
 TRANSCEIVER)
 455/550.1 .Radiotelephone equipment detail
 455/566 ..Having display

4 455/419 (4 OR, 0 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/418 .Programming control
 455/419 ..Remote programming control

3 375/220 (0 OR, 3 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/219 TRANSCEIVERS
 375/220 .Transmission interface between two stations o

r
 terminals

3 375/222 (0 OR, 3 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/219 TRANSCEIVERS
 375/222 .Modems (data sets)

3 380/30 (0 OR, 3 XR)
 Class 380 : CRYPTOGRAPHY
 380/28 PARTICULAR ALGORITHMIC FUNCTION ENCODING
 380/30 .Public key

3 380/52 (0 OR, 3 XR)
 Class 380 : CRYPTOGRAPHY
 380/287 ELECTRIC SIGNAL MODIFICATION
 380/52 .Including particular structure or housing
 (e.g., display, keyboard)

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3	455/403	(1 OR, 2 XR)	
	Class	455 :	TELECOMMUNICATIONS
	455/403		RADIOTELEPHONE SYSTEM
3	713/159	(3 OR, 0 XR)	
	Class	713 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
			SYSTEMS: SUPPORT
	713/150		MULTIPLE COMPUTER COMMUNICATION USING
			CRYPTOGRAPHY
	713/155		.Central trusted authority provides computer
			authentication
	713/159		..Including intelligent token
2	345/700	(0 OR, 2 XR)	
	Class	345 :	COMPUTER GRAPHICS PROCESSING, OPERATOR
			INTERFACE PROCESSING, AND SELECTIVE VISUAL
DISPLAY			
			SYSTEMS
	345/700		OPERATOR INTERFACE (E.G., GRAPHICAL USER
			INTERFACE)
2	345/809	(2 OR, 0 XR)	
	Class	345 :	COMPUTER GRAPHICS PROCESSING, OPERATOR
			INTERFACE PROCESSING, AND SELECTIVE VISUAL
DISPLAY			
			SYSTEMS
	345/700		OPERATOR INTERFACE (E.G., GRAPHICAL USER
			INTERFACE)
	345/764		.On-screen workspace or object
	345/809		..Dialog box
2	345/810	(0 OR, 2 XR)	
	Class	345 :	COMPUTER GRAPHICS PROCESSING, OPERATOR
			INTERFACE PROCESSING, AND SELECTIVE VISUAL
DISPLAY			
			SYSTEMS
	345/700		OPERATOR INTERFACE (E.G., GRAPHICAL USER
			INTERFACE)
	345/764		.On-screen workspace or object
	345/810		..Menu or selectable iconic array (e.g.,
			palette)
2	379/355.05	(0 OR, 2 XR)	
	Class	379 :	TELEPHONIC COMMUNICATIONS
	379/350		SUPERVISORY OR CONTROL LINE SIGNALING
	379/352		.Substation originated
	379/355.01		..Repertory or abbreviated call signal
			generation

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379/355.05 ...Modification of call address signal for
abbreviated dialing

2 379/93.01 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE
ELECTRICAL SYSTEM OR SIGNALLING (E.G., COM

POSITE)

379/93.01 .Having transmission of a digital message
signal over a telephone line

2 379/93.24 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE
ELECTRICAL SYSTEM OR SIGNALLING (E.G., C

OMPOSITE)

379/93.01 .Having transmission of a digital message
signal over a telephone line

379/93.17 ..Having station display

379/93.24 ...Having electronic mail

2 455/186.2 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
CONVERTER

455/150.1 .Signal selection based on frequency (e.g.,
tuning)

455/179.1 ..Channel or station selection

455/185.1 ...With channel information storage

455/186.1With memory control or programming

455/186.2Having a keyboard

2 455/412.1 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/412.1 .Message storage or retrieval

2 455/414.1 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/414.1 .Special service

2 455/418 (1 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/418 .Programming control

2 455/433 (0 OR, 2 XR)

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Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system
 455/432.1 ..Roaming
 455/433 ...Home location registration (HLR) or visitor
 location registration (VLR) detail

2 455/445 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system
 455/445 ..Call routing (e.g., to prevent backhaul,
 routing efficiency, least cost, or alternat

e routing)

2 455/464 (1 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/462 .Including private cordless extension system
 455/464 ..Channel selection or allocation

2 455/552.1 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS
 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.
 TRANSCEIVER)
 455/550.1 .Radiotelephone equipment detail
 455/552.1 ..Operable on more than one system

2 455/557 (1 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS
 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.
 TRANSCEIVER)
 455/550.1 .Radiotelephone equipment detail
 455/557 ..Interface attached device (e.g., interface
 with modem, facsimile, computer, etc.)

2 455/560 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS
 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.
 TRANSCEIVER)
 455/550.1 .Radiotelephone equipment detail
 455/560 ..Switching unit detail (e.g., mobile telephon

e
 switching office (MTSO), base station contr
 oller (BSC),

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etc.)

2 455/564 (1 OR, 1 XR)
Class 455 : TELECOMMUNICATIONS
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)
455/550.1 .Radiotelephone equipment detail
455/564 ..Auto-dialing or repertory dialing (e.g.,
using bar code, etc.)

2 455/567 (1 OR, 1 XR)
Class 455 : TELECOMMUNICATIONS
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)
455/550.1 .Radiotelephone equipment detail
455/567 ..Call alerting

2 455/574 (1 OR, 1 XR)
Class 455 : TELECOMMUNICATIONS
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)
455/550.1 .Radiotelephone equipment detail
455/572 ..Power supply
455/574 ...Power conservation

2 455/575.3 (2 OR, 0 XR)
Class 455 : TELECOMMUNICATIONS
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)
455/550.1 .Radiotelephone equipment detail
455/575.1 ..Housing or support
455/575.3 ...Foldable type

2 706/45 (0 OR, 2 XR)
Class 706 : DATA PROCESSING: ARTIFICIAL INTELLIGENCE
706/45 KNOWLEDGE PROCESSING SYSTEM

2 706/47 (0 OR, 2 XR)
Class 706 : DATA PROCESSING: ARTIFICIAL INTELLIGENCE
706/45 KNOWLEDGE PROCESSING SYSTEM
706/46 .Knowledge representation and reasoning
technique
706/47 ..Ruled-based reasoning system

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2 709/203 (2 OR, 0 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

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709/200 MULTICOMPUTER DATA TRANSFERRING
709/201 .Distributed data processing
709/203 ..Client/server

2 709/204 (0 OR, 2 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING
709/204 .Computer conferencing

2 709/206 (1 OR, 1 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING
709/204 .Computer conferencing
709/206 ..Demand based messaging

2 713/172 (0 OR, 2 XR)

Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: SUPPORT

713/150 MULTIPLE COMPUTER COMMUNICATION USING
CRYPTOGRAPHY
713/168 .Particular communication authentication
technique
713/172 ..Intelligent token

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PLUS Search Results for S/N 09742190, Searched October 15, 2003

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5276729
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5603084
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6411620 80
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5875403 72